



16a

Attorney Docket No. T5986.PCT.US.B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: NATALYA RAPOPORT)
)
TITLE: METHOD OF IN VIVO DRUG)
)
TARGETING TO SOLID)
)
TUMORS VIA)
)
ACOUSTICALLY TRIGGERED) CERTIFICATE UNDER 37
) C.F.R. § 3.73(b) TO
) ESTABLISH RIGHT OF
) ASSIGNEE TO TAKE ACTION
SERIAL NO.: 10/722,379)
)
FILED: November 24, 2003)
)
EXAMINER: _____)
)
ART UNIT: 1617)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

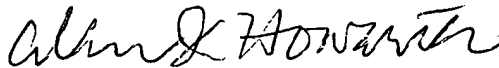
Sir:

To establish its right to take action before the Office in the above-captioned matter, the University of Utah Research Foundation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. [] An assignment from the
[inventor(s)/applicant(s)] of the

Certificate of Deposit Under 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the 10th day of December, 2004.


Alan J. Howarth
Attorney Registration No. 36,553

[patent/trademark application] identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

B. [X] A chain of title from the inventors of the patent application identified above, to the current assignee as shown below:

1. From: Natayla Rapoport To: University of Utah

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: University of Utah To: University of Utah Research Foundation

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

C. [X] Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated this 7th day of October, 2004.

University of Utah Research Foundation

By RK Kulkarni
Rajiv K. Kulkarni

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A S S I G N M E N T

WHEREAS, Natalya RAPOPORT, a citizen of the United States of America having a post office address of 8444 South 1275 East, Sandy, Utah 84094, has invented a method and apparatus entitled METHOD OF IN VIVO DRUG TARGETING TO SOLID TUMORS VIA ACOUSTICALLY TRIGGERED DRUG DELIVERY IN POLYMERIC MICELLES, hereinafter called the "invention," preferred embodiments of which are disclosed in a United States patent executed on August 26, 2004, and being assigned application serial no. 10/722,379, and filed on November 24, 2003, which is a continuation-in-part of U.S. Serial No. 09/509,255, filed March 23, 2000, which was filed under Section 371 of Title 35 of the United States Code of International Application No. PCT/US98/20046, filed September 23, 1998, which claimed priority to U.S. Provisional Application No. 60/059,774, filed September 23, 1997, and identified as File No. T5986.PCT.US.B of the law firm, Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, Utah 84091.

WHEREAS, Assignee the University of Utah, a university of higher education and a nonprofit corporation organized and existing under the laws of the State of Utah, located at 615 Arapen Drive, Suite 310, Salt Lake City, Utah 84108, is desirous of acquiring the entire right, title and interest in the invention;

WHEN RECORDED RETURN TO:

Alan J. Howarth T5986.PCT.US.B
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

NOW THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which is hereby acknowledged, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted hereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee, or the Assignee's successors, assigns and legal representatives, may request of me to make this

WHEN RECORDED RETURN TO:

Alan J. Howarth T5986.PCT.US.B
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee, or the Assignee's successors, assigns and legal representatives, to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

WHEN RECORDED RETURN TO:

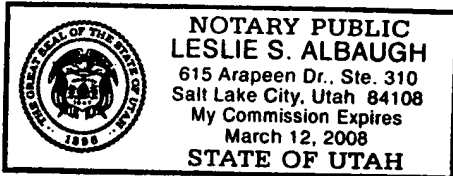
Alan J. Howarth T5986.PCT.US.B
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

Executed this 7th day of October, 2004, at
Salt Lake City, Utah.
(City, State)

N. Rapoport
Natalya RAPOPORT

STATE OF Utah)
COUNTY OF Salt Lake) : ss.

On October 7, 2004, before me personally appeared Natalya RAPOPORT, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.



Leslie S. Albaugh
NOTARY PUBLIC

My Commission Expires:

March 12, 2008

Residing at

Salt Lake City, Utah

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WHEN RECORDED RETURN TO:

Alan J. Howarth T5986.PCT.US.B
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

A S S I G N M E N T

WHEREAS, the University of Utah, a university of higher education and a nonprofit corporation organized and existing under and by virtue of the laws of the State of Utah, is the assignee of METHOD OF IN VIVO DRUG TARGETING TO SOLID TUMORS VIA ACOUSTICALLY TRIGGERED DRUG DELIVERY IN POLYMERIC MICELLES, hereinafter called the "invention," preferred embodiments of which are disclosed in a United States patent executed on August 26, 2004, and being assigned application serial no. 10/722,379, and filed on November 24, 2003, which is a continuation-in-part of U.S. Serial No. 09/509,255, filed March 23, 2000, which was filed under Section 371 of Title 35 of the United States Code of International Application No. PCT/US98/20046, filed September 23, 1998, which claimed priority to U.S. Provisional Application No. 60/059,774, filed September 23, 1997, and identified as File No. T5986.PCT.US.B of the law firm, Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, Utah 84091.

WHEREAS, the University of Utah Research Foundation, a nonprofit corporation, organized and existing under the State of Utah, located at 210 Park Building, Salt Lake City, Utah 84112; is desirous of acquiring the entire right, title and interest in the same;

WHEN RECORDED RETURN TO:

Alan J. Howarth T5986.PCT.US.B
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

NOW THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to it by the Assignee, the receipt and sufficiency of which is hereby acknowledged, the UNIVERSITY OF UTAH HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted hereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

The University of Utah hereby authorizes and requests the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

The University of Utah hereby agrees, without further consideration and without expense to it, to sign all lawful papers and to perform all other lawful acts which the Assignee, or the Assignee's successors, assigns and legal representatives, may

WHEN RECORDED RETURN TO:

Alan J. Howarth T5986.PCT.US.B
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P.O. Box 1909
Sandy, Utah 84091

request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee, or the Assignee's successors, assigns and legal representatives, to further the prosecution of any of such patent applications.

Cooperation to the best of its ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon the heirs and legal representatives of the University of Utah.

WHEN RECORDED RETURN TO:

Alan J. Howarth T5986.PCT.US.B
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

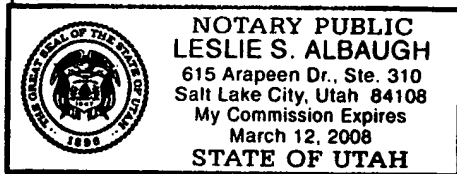
Executed this 7th day of October, 2004, at
Salt Lake City, Utah.
(City, State)

University of Utah

RK Kulkarni
Rajiv K. KULKARNI
Senior Technology Licensing Manager
Technology Transfer Office

STATE OF Utah)
COUNTY OF Salt Lake) : ss.

On Oct 7th, 2004, before me personally appeared Rajiv K. KULKARNI, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.



Leslie S Albaugh
NOTARY PUBLIC

My Commission Expires:

March 12, 2008

Residing at

Salt Lake City, Utah

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WHEN RECORDED RETURN TO:

Alan J. Howarth T5986.PCT.US.B
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091



Attorney Docket No. T5986.PCT.US.B

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APPLICANT: NATALYA RAPOPORT)
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TITLE: METHOD OF IN VIVO DRUG)
TARGETING TO SOLID)
TUMORS VIA)
ACOUSTICALLY TRIGGERED)
DRUG DELIVERY IN) POWER OF ATTORNEY
POLYMERIC MICELLES)
)
SERIAL NO.: 10/722,379)
)
FILED: November 24, 2003)
)
EXAMINER: _____)
)
ART UNIT: 1617)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

The University of Utah Research Foundation hereby appoints as its attorneys and/or patent agents, Grant R. Clayton, Registration No. 32,462; Alan J. Howarth, Registration No. 36,553; Karl R. Cannon, Registration No. 36,468; Clifford B. Vaterlaus, Registration No. 47,261; Terrence J. Edwards, Registration No. 50,254; and Brett J. Davis, Registration No. 46,655; all with full

Certificate of Deposit Under 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the 10th day of December, 2004.

Alan J. Howarth
Attorney Registration No. 36,553

power of substitution and revocation, to prosecute the above-referenced application.

Please direct all future correspondence in connection with this application to:

Customer No. 20450

Please direct all telephonic and facsimile communications to:

Alan J. Howarth
Telephone: (801)255-5335
Facsimile: (801)255-5338

Please reference the below provided attorney docket number in all communications:

T5986.PCT.US.B

The University of Utah Research Foundation is the assignee of record of the entire interest and a statement under 37 C.F.R. § 3.73(b) is enclosed.

Signed at Salt Lake City, Utah, USA, this
(City) (State/Country)
7th day of October, 2004.

UNIVERSITY OF UTAH RESEARCH FOUNDATION

Rajiv K. Kulkarni
Rajiv K. Kulkarni

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